

In the Abstract

Please delete the abstract of the disclosure currently on file and substitute therefore the following:

ABSTRACT

A process for solids suspension and dosing of a granular, grain or powder type of solid material in a high-pressure process is disclosed. A supercritical fluid is used as a process fluid, in a suspension step which is part of a high-pressure process. A suspension vessel and a device for circulation of the liquid as well as for feed and discharge operations are all provided. Solid material and a fluid are fed to the suspension vessel, the fluid being a liquefied gas. The solid material becomes suspended in the fluid with the aid of a device for agitating the liquid, thus keeping the solids in suspension. The pressure applied in the suspension step is $< 90\%$ of the critical pressure of the process fluid, a gaseous phase blanketing the liquid phase in the suspension vessel. In a last step the suspension is conveyed by a pump into the high-pressure process.